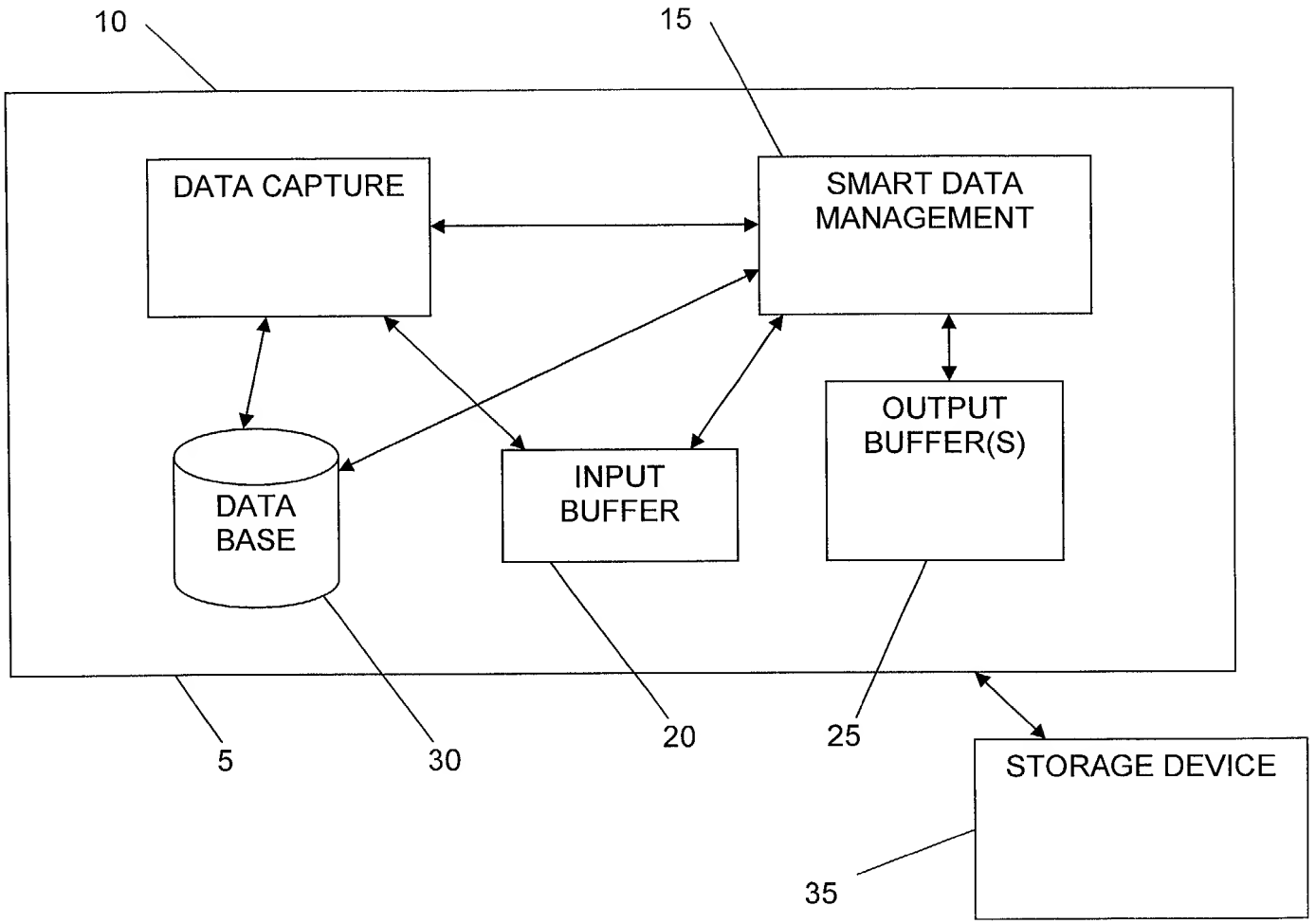
10
15
DATA CAPTURE
SMART DATA MANAGEMENT
OUTPUT BUFFER(S)
DATA BASE
INPUT BUFFER
STORAGE DEVICE
5
30
20
25
35

FIGURE 1

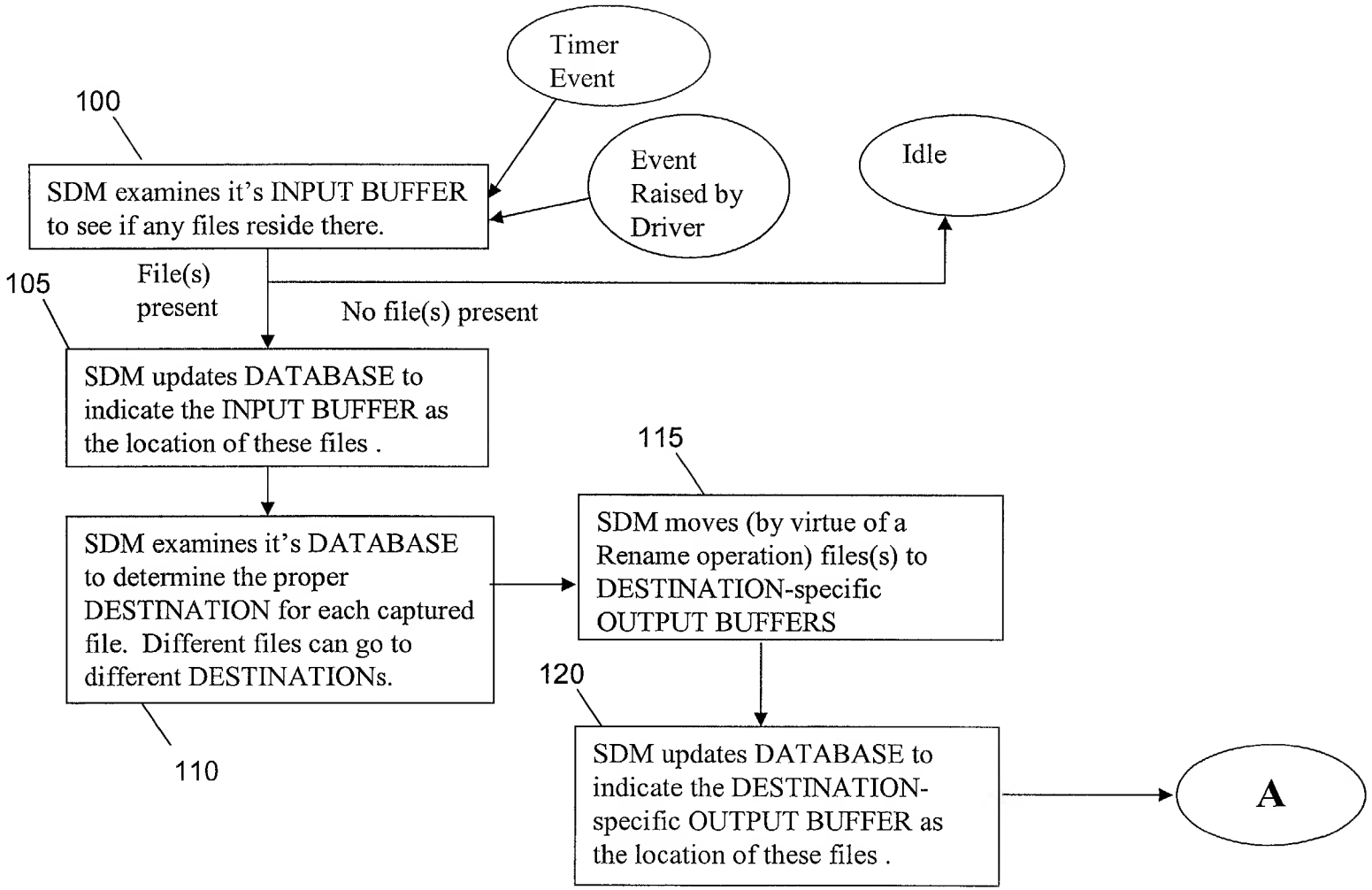
Timer Event
100
SDM examines it's INPUT BUFFER to see if any files reside there.
Event Raised by Driver
Idle
105
File(s) present
No file(s) present
SDM updates DATABASE to indicate the INPUT BUFFER as the location of these files .
115
SDM examines it's DATABASE to determine the proper DESTINATION for each captured file. Different files can go to different DESTINATIONs.
SDM moves (by virtue of a Rename operation) files(s) to DESTINATION-specific OUTPUT BUFFERS
110
120
SDM updates DATABASE to indicate the DESTINATION-specific OUTPUT BUFFER as the location of these files .
A

FIGURE 2A

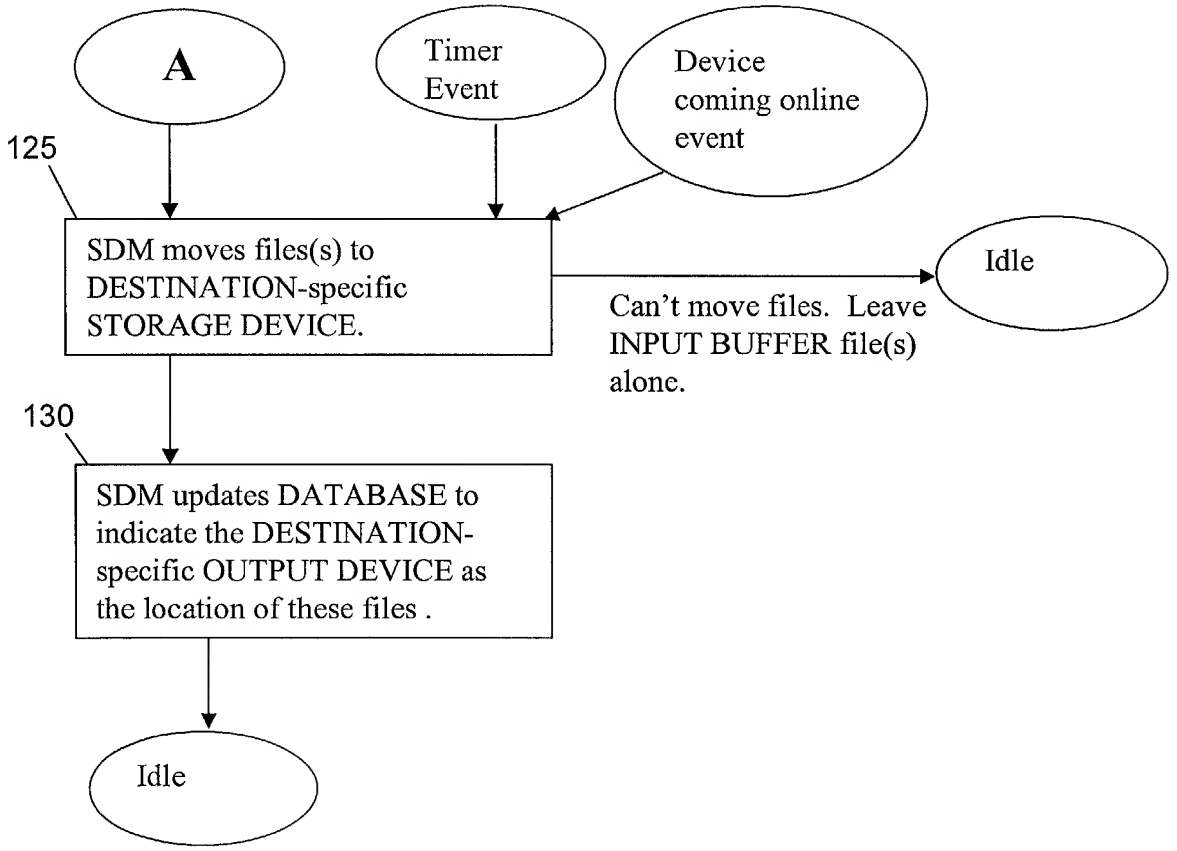
A
Timer Event
Device coming online event
125
SDM moves files(s) to DESTINATION-specific STORAGE DEVICE.
Idle
Can't move files. Leave INPUT BUFFER file(s) alone.
130
SDM updates DATABASE to indicate the DESTINATION-specific OUTPUT DEVICE as the location of these files .
Idle

FIGURE 2B

EOT260 "Sent/Sep60

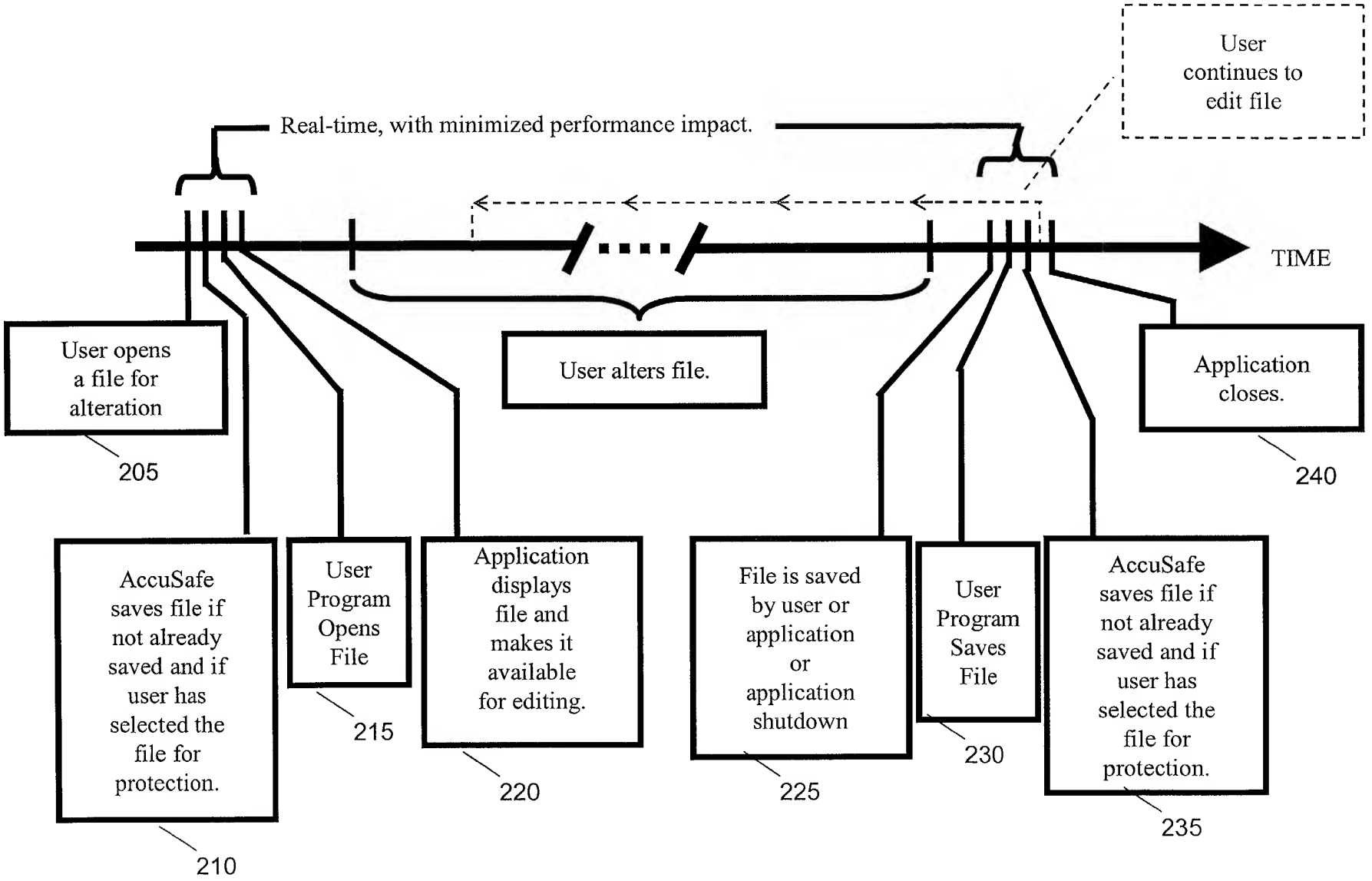

FIGURE 3

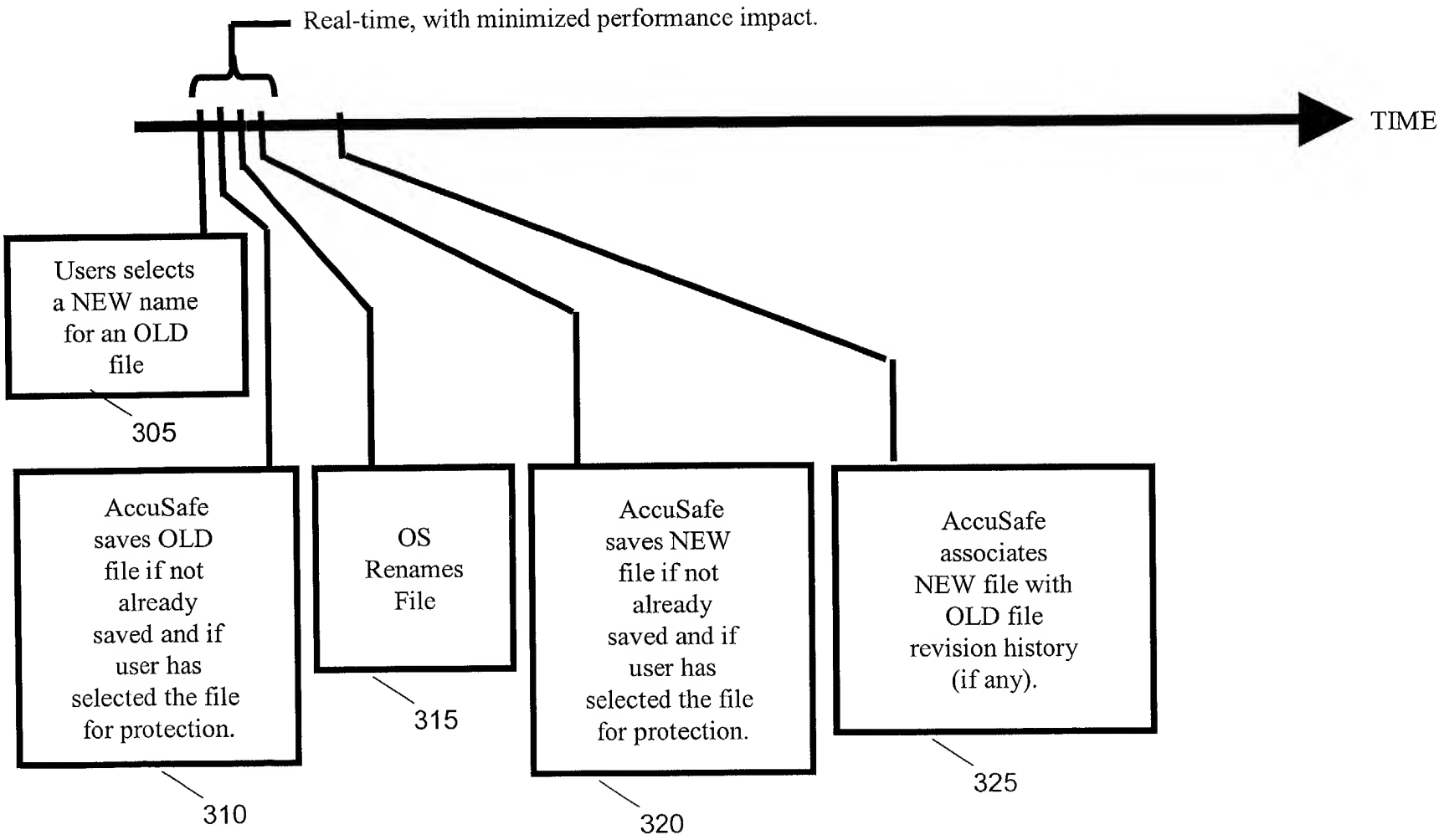
Real-time, with minimized performance impact.
TIME
Users selects a NEW name for an OLD file
305
AccuSafe saves OLD file if not already saved and if user has selected the file for protection.
310
OS Renames File
315
AccuSafe saves NEW file if not already saved and if user has selected the file for protection.
320
AccuSafe associates NEW file with OLD file revision history (if any).
325

FIGURE 4

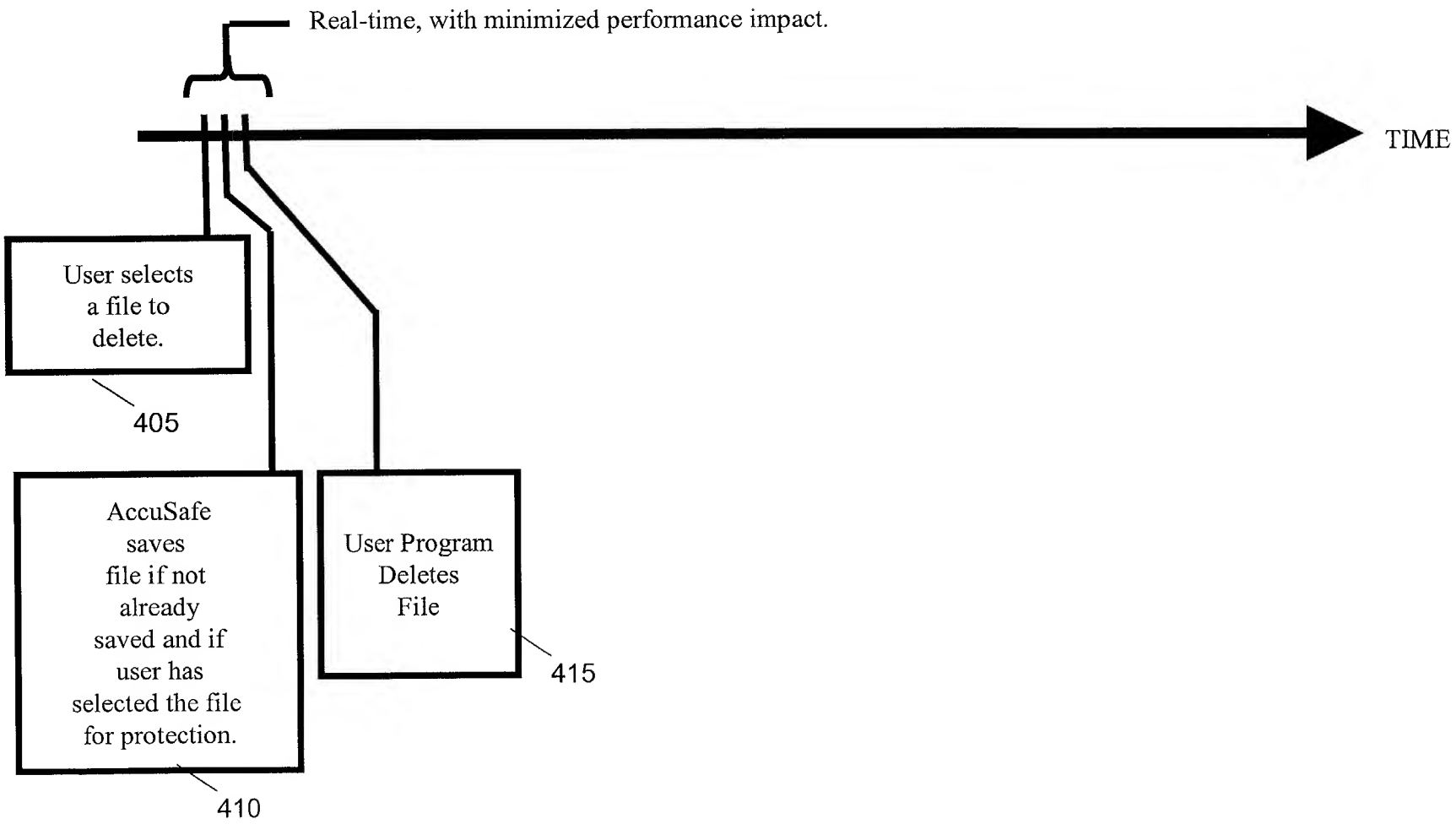
Real-time, with minimized performance impact.
TIME
User selects a file to delete.
405
AccuSafe saves file if not already saved and if user has selected the file for protection.
410
User Program Deletes File
415

FIGURE 5